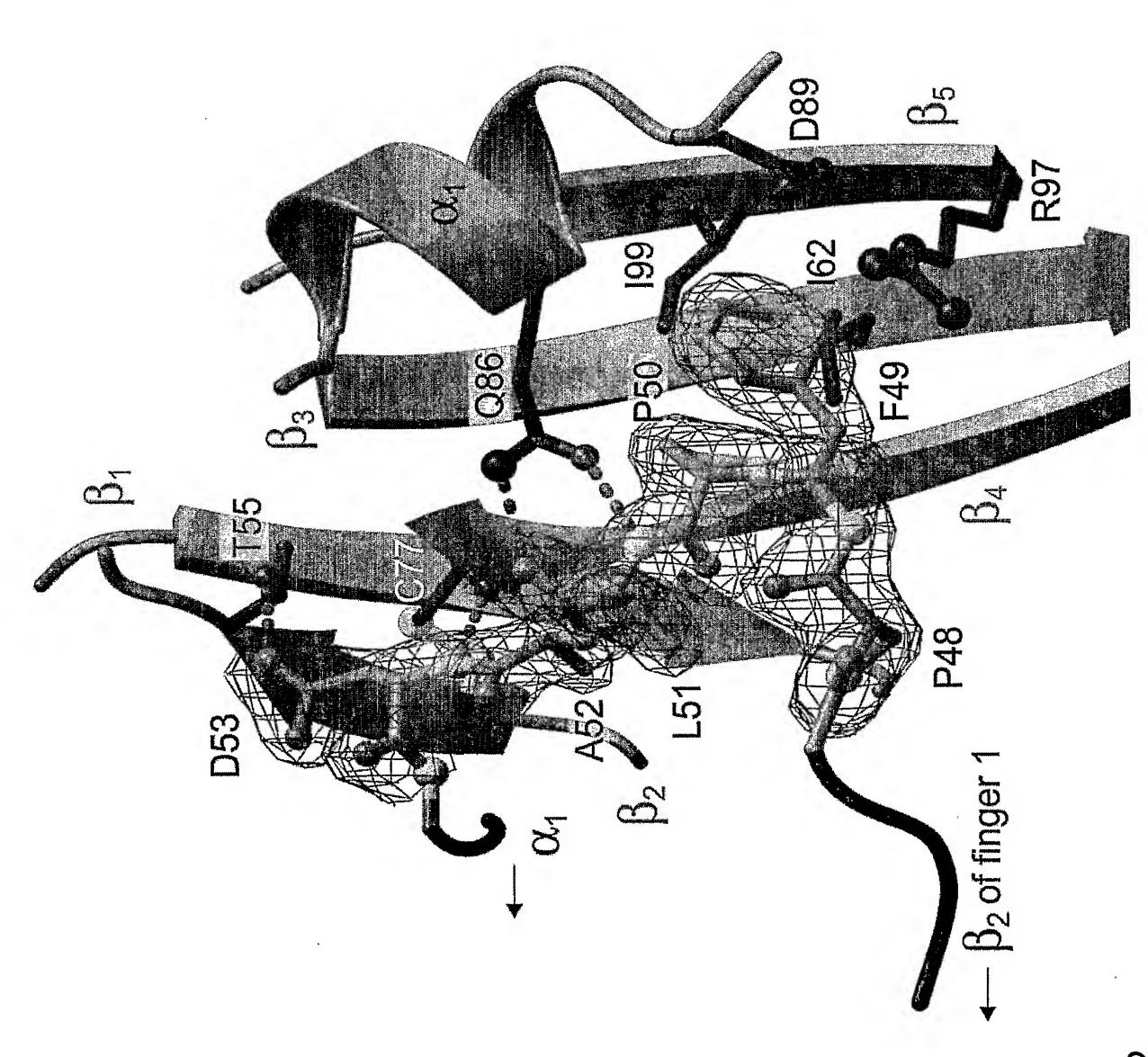
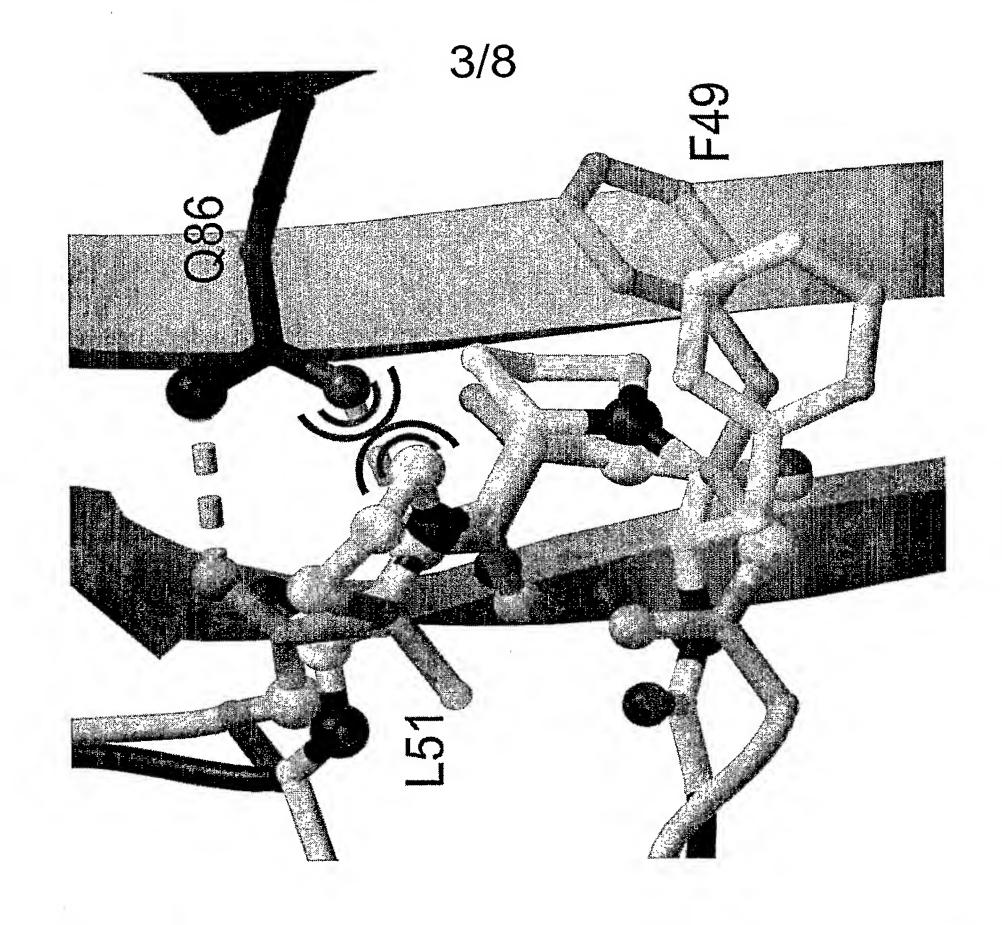
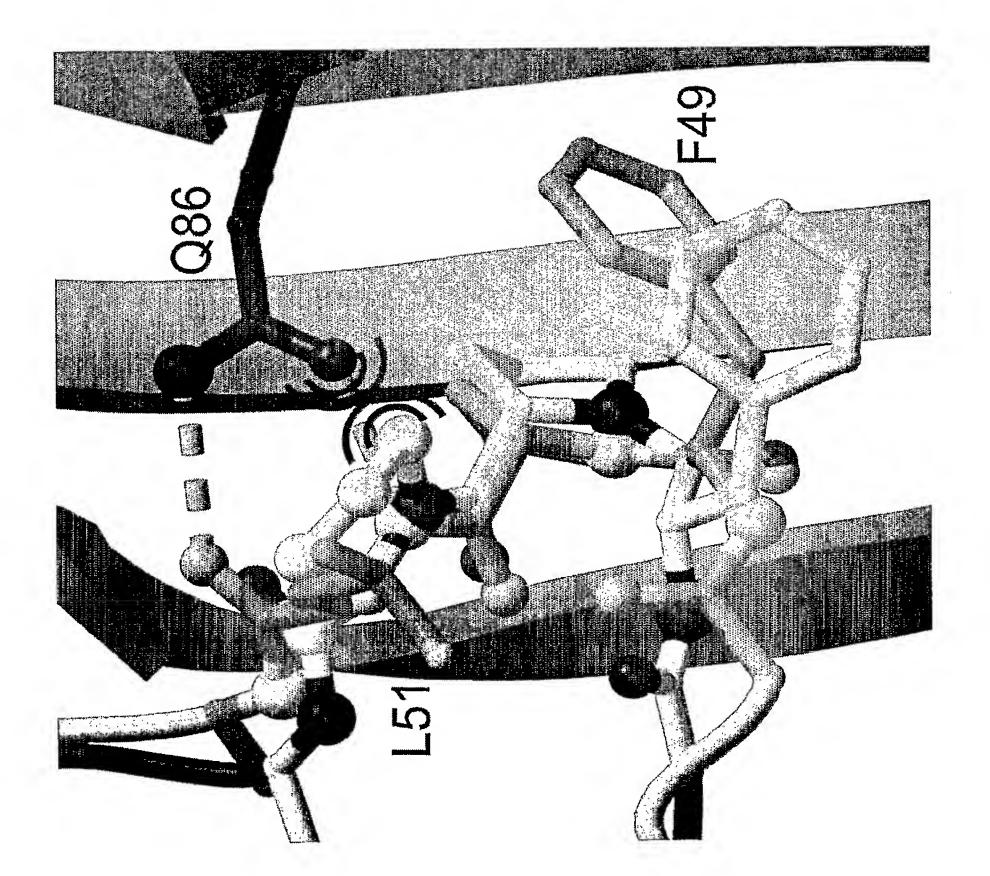


Figure 1



igure ²





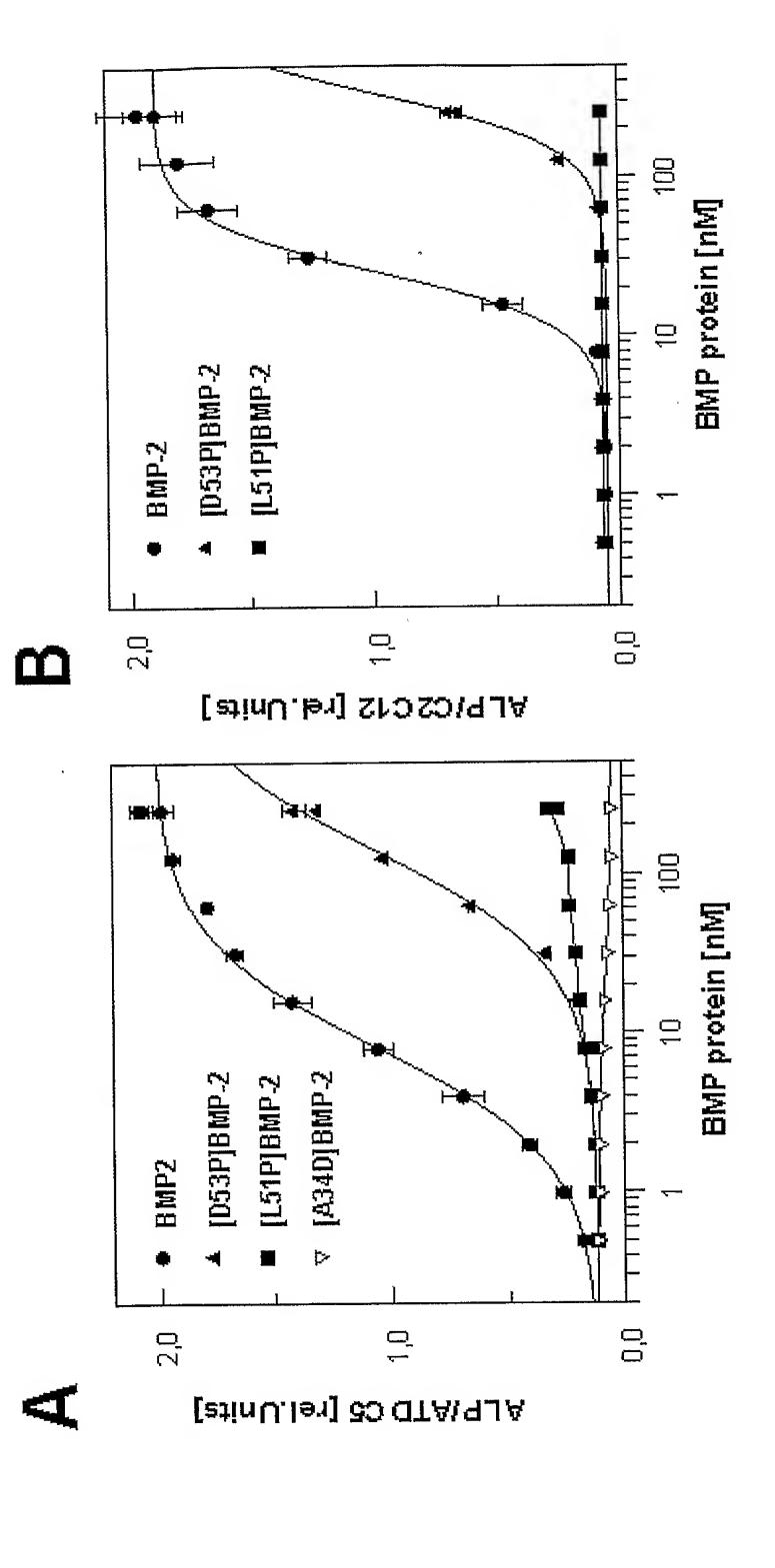


Figure 4

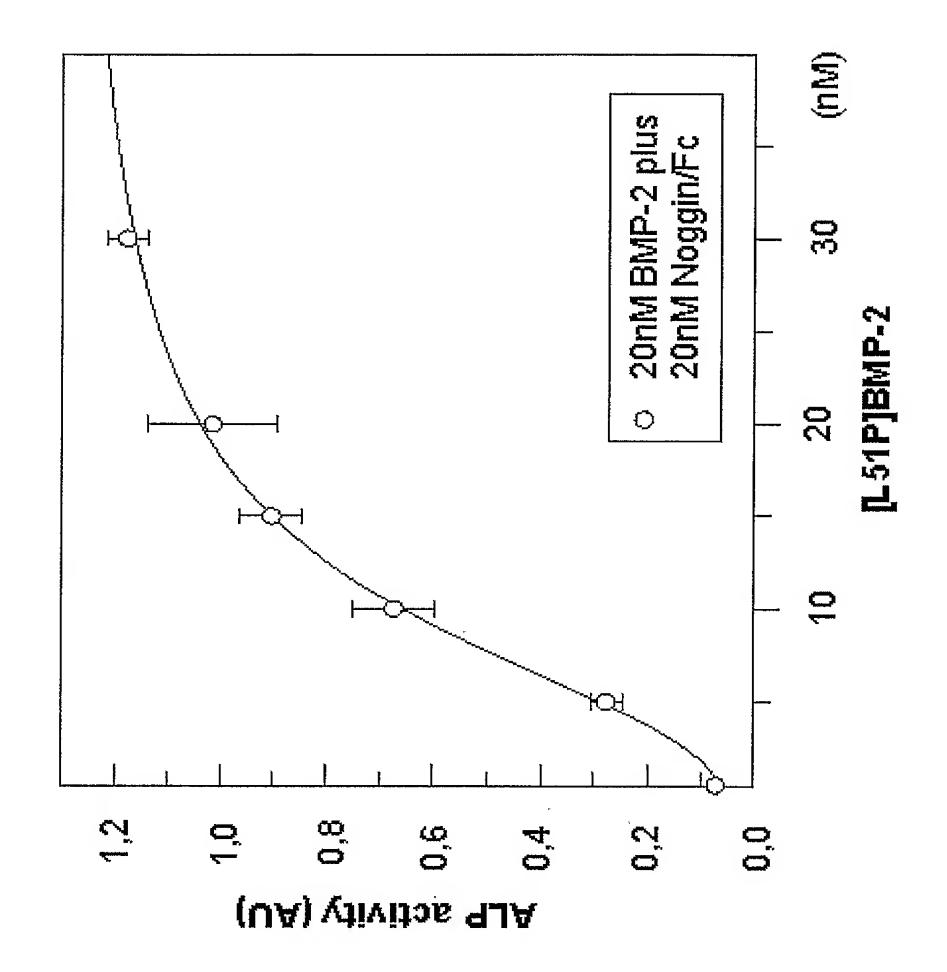


Figure 5

proteins of the TGF-B superfamily	to the BMP-2 sequence
Sequence alignment of the mature p	Numbering is according to

hBMP-2 hBMP-3 hBMP-7 hBMP-3 hBMP-14 mGDF-StBMP-14 mGDF-TVBMP-12 hBMP-3 hBMP-3 hBMP-3 hBMP-3 hBMP-14 hBMP-3 hBMP-14 hBMP-3 hBMP-12 hBMP-3 hBMP-3 hBMP-3 hBMP-3 hBMP-3 hBMP-3 hBMP-3 hBMP-12 hBMP-3 hBMP-3 hBMP-12 hBMP-3 hBMP-13 hGDF-StBMP-14 hBMP-15 hBMP-14 hBMP-15 hBMP-15 hBMP-15 hBMP-16 hGDF-StBMP-14 hBMP-16 hGDF-StBMP-112 hBMP-10 hGDF-StBMP-112 hBMP-10	-30	30 40 DFSDVGWNDWI VAPPGYHAFYCHGECPFPLADHLNSTNHAIVGTLVNSV DFSDVGWNDWI VAPPGYAAFYCHGECPFPLADHLNSTNHAIVGTLVNSV SFRDLGWQDWI APEGYAAFYCHGECSFPLNAHMNATNHAIVGTLVNSV SFRDLGWQDWI APEGYAANYCDGECSFPLNAHMNATNHAIVQTLVHLM SFRDLGWQDWI APEGYAANYCEGECSFPLNSYMNATNHAIVQTLVHLM SFRDLGWDDWI APEGYAAYCEGECSFPLNSYMNATNHAIVQTLVHLM SFRDLGWDDWI APLEYEAFHCEGLCEFPLRSHLEPTNHAILQSLVHLM NFKELGWDDWI APLEYEAFHCEGVCDFPLRSHLEPTNHAIIQTLMNSM DFKELGWDDWI APLEYEAFHCEGVCDFPLRSHLEPTNHAIIQTLMNSM DFKEIGWDSWI APLEYEAYHCEGVCDFPLRSHLEPTNHAIIQTLMNSM NFKEIGWDSWI APPGYEAYECRGVCNYPLAEHLTPTKHAIIQTLNSM NFEDIGWDSWI APPGYEAYECRGVCNYPLAEHLTPTKHAIIQTLNSM	NSK-IPKACCVPTELSAISMLYLDENEKVVLK.NYQDMVVEGGGRNSS-IPKACCVPTELSAISMLYLDENEKVVLK.NYQDMVVEGGGCRNSS-IPKACCVPTELSAISMLYLDEYDKVLK.NYQDMVVEGGGCRNPETVPKPCCAPTKLNAISVLYFDDSSNVILK.KYRNMVVRSCGCHNPETVPKPCCAPTQLNAISVLYFDDSSNVILK.KYRNMVVRACGCHNPETVPKPCCAPTQLNAISVLYFDDSSNVILK.KYRNMVVRACGCHNPETVPKPCCAPTQLNAISVLYFDDSSNVILK.KYRNMVVRACGCHNPESTPPTCCVPTKLSPISILFIDSANNVYK.QYEDMVVESCGCRAPDAAPASCCVPATKLEPISILYIDAGNNVVYK.QYEDMVVESCGCRAPTKLSPISILYIDAGNNVVYK.QYEDMVVESCGCRAPTKLSPISILYIDAGNNVVYK.QYEDMVVESCGCRAPTKVSPISILYIDAGNNVVYK.QYEDMAVESCGCRAPTKVSPISILYIDAGNNVVYK.QYEDMVVESCGCRAPTKVSPISILYIDAGNNVVYK.QYEDMVVESCGCRAPTKVSPISILYIDAGNNVYK.QYEDMNVVESCGCRAPTKVSPISILYIDAGNNVYK.QYEDMNVYENCORPTKLSPISILYIDAGNNVYK.QYEDMNVYENCORPTKLSPISILYIDAGNNVYK.QYEDMNVYENCORPTKLSPISILYIDAGNNVYK.QYEDMNVYENCORPTKLSPISILYIDAGNNVYK.QYEDMNVYENCORPTKLSPISILYIDAGNNVYK.QYEDMNVYENCORPTKLSPISILYIDAGNNVYK.QYEDMNVYENCORPTKLSPISILYIDAGNNVYK.QYEDMNVYX
		hBMP-2 hBMP-4 hBMP-5 hBMP-8 hGDF-5\BMP-14 mGDF-7\BMP-12 hBMP-10 hGDF-2\BMP-12 hGDF-2\BMP-12	hBMP-2 hBMP-4 hBMP-5 hBMP-7 hBMP-8 hGDF-5\BMP-14 mGDF-7\BMP-12 hBMP-10 hG DF-2\BMP-12

